Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Bill Type::1st & Final Bill

Date.....2021

Zone:BBMP,Yelahanka | Division:BBMP, Byatarayanapura | Sub-Division: Kodigehalli

Bill Received No. | Dated | Divisional P1802 | Sub-Divisional | Cash Book Voucher No.....Dated.....

Job Code: 008-18-000085

Schedule Docket No. | Head of Account: P1802,Water Supply New Areas | Est.Cost: Rs. 10.00 Lakhs | INDENT NO.: 31107

Name of Work : Drilling of Borewell Providing Pipeline in Ward No. 08, Kodigeahalli.

Name of Contractor and Full Address: M/s. Vinayaka Enterprises, Prop: G.R Dinesh Babu, Bhadrappa Layout, Nagashettahalli, Bangalore - 560092.

Reference to Agreement No. BBMP/EE/BTP/WO/113/2019-20

Date: 19-10-2019

Certified that the measurements were taken by me on: 22-09-2020 and recorded of Pages to 558749 of 766 measurement Book No. 5588/20-21 and that work is satisfactorily executed.

Bill SO1822 to SO1831

Contractor

SO19-19-20 PRE SO1885 to 8991

Officer-in-charge of work

Certified that measurement were taken by me on 22-9-2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Sub-Division Office
Kodigehalli Sub Division
BBMP, Bangalore

1) Total value of work done or supplies made as per account within			
2) Deduct amount to be held in reserve being.....Percent Rs..... 1st & Final →	TTB	8,92,000	00
3) " Balance	It	8,920	00
4) Deduct Payment:	CGST	7,965	00
	SGST	7,965	00
a) Amount of previous payment as in the Office Cash Book Voucher	CESS	8,920	00
No.....Dated.....S.D.No.....	CBF	892	00
adjusted towards cash advance recovery of	LR	2,800	00
b) Payments cost store or other material supplied.	Fine	3,538	00
Now made recovery of amount creditable to this /other work			
Amount paid on this bill Cheque/Cash.			
5) Balance being unpaid value of work done held in reserve.			
6) Deduct cash advance made on the Office cash Book Voucher No.....			
dated .....less adjustments.			
Total Amount Adjusted -	Ded'.	41,000	00
7) Net amount due to or from Contractor unadjustments items.			
8) Advance to Contractor for materials brought to site (as detailed) within			
9) Value of Government materials supplied.	cheque	8,51,000	00

E.E. (BTP DIV)

Received Rs.....(in words)... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness
1
2

Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Head of Account....P/802-Water Supply New Areas

Bill Passed for Rs....8,92,000/=.....

Statutory Deductions Rs....41,000/=.....By Adjustment

Net Amount Paid Rs....8,51,000/=.....By NEFT/RTGS

C/W

Account Superintendent
Byatarayanapura Division
BBMP

Executive Engineer 10/01
Byatarayanapura Division
BBMP

Sl. No.		U
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumbergers's method including recconnaisance suevey of geological formation Geophysical investigation of existing ground Water in the vicinity. its quality , quality & acceptabality of the users indicating the location of the site recommendeddepth of casing pipe required to seal the tope unconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed to be tapped propable yield and other information required including transportation of instrument and accessories to work site, engating technical personal and labour etc.,etc., complete and as per the directions of the Engineer-in-charge of the work	Each
2	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,etc., complete and as per the directions of the Engineer-in-charge of the work - 0.00 to 50.00 mtrs	Rmtr
3	50mtr to 100.00 mtr	Rmtr
4	100.00 to 150.00 mtr	Rmtr
5	150.00 to 200.00 mtr	Rmtr
6	200.00 to 250.00 mtr	Rmtr
7	250.00 to 300.00 mtr	
8	Supply of ISI Mark 175mm Nominal bore ,plain end steel Casing pipe- grade of steel Fee 410 of wall thickness 5.4 mm thick confirming to IS 1387/1933 and manufactured by basic open hearth electric or basic oxygen process in random lenth of 5 to 7mtrs. Both ends threaded Confirming to IS 554/1985, One end fixed with a Socket Confirming to IS 4270:2001 and the other end with Screwed pipes . All pipes shall be reasonably free from defectes. The tube shall be reasonably straight should be with ISI marking, weighing 25.10kg/mtr. (Inclusive of all taxes) etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr
9	Providing 175 mm dia MS Collar etc., complete and as per the directions of the Engineer-in-charge of the work	Nos.
10	Providing 175 mm dia MS Cap etc., complete and as per the directions of the Engineer-in-charge of the work	Nos.
11	Providing 250mm dia PVC (casing pipe) etc., complete and as per the directions of the Engineer-in-charge of the work	Nos.
12	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments complete as per specifications	Mtrs
13	Supply and delivery at site brand new Texmo / Innoval / Lubi / Sabar / Atalanta / Calamal / waterman / Radha make suitable vertical installation in 150mm dia. 10/HP 7.5 KV stage SE Approved Rate etc., complete and as per the directions of the Engineer-in-charge of the work	No.
14	Supplying and Drawing 3 core Flat PVC Shalted Submersible Pump Cable Manufactured with Electrolytic Grade Copper with Flexible copper conductor to table 3 class 5 of IS 8130-1984 and Virgen PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per etc., complete and as per the directions of the Engineer-in-charge of the work	Mtrs
15	Supplying and fixing 50mm Non Return Vavle of vertical type of approved make including cost of all materials labour HOM of equipment with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Nos.
16	Supplying and fixing 50mm GI Union etc., complete and as per the directions of the Engineer-in-charge of the work	Nos.
17	Supplying and fixing 50mm GI Elbow etc., complete and as per the directions of the Engineer-in-charge of the work	Nos.
18	Supplying and fixing 50mm GI Nipple etc., complete and as per the directions of the Engineer-in-charge of the work	
19	Supplying and fixing 50mm GI collar Heavy duty etc., complete and as per the directions of the Engineer-in-charge of the work	Nos.
20	Supplying, fixing, wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.50m long buried in a pit. The pit should be filled with equal proportion of solt and charcoal 150mm alround the pipe to complete depth. the connection from the pipe to the conduct etc., is to be established through GI wire of size as per ISI specifications 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 throught holes of 122mm dia etc., complete and as per the directions of the Engineer-in-charge of the work	Nos.
21	Supplying and fixing angle iron frame work fabricated out of M.S angle iron and M.S flat with bolts, washers etc and painted with 2 coats of red oxide and then two coates of approved paint	Mtrs

evious Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	1.00	1744.00	1744.00	1.00	1744.00	
-	-	50.00	283.00	14150.00	50.00	14150.00	
-	-	50.00	370.00	18500.00	50.00	18500.00	
-	-	50.00	412.00	20600.00	50.00	20600.00	
-	-	50.00	435.00	21750.00	50.00	21750.00	
-	-	50.00	504.00	25200.00	50.00	25200.00	
-	-	50.00	540.00	27000.00	50.00	27000.00	
-	-	40.00	1192.00	47680.00	40.00	47680.00	✓
-	-	10.00	135.00	1350.00	10.00	1350.00	✓
-	-	1.00	90.00	90.00	1.00	90.00	✓
-	-	10.00	2340.00	23400.00	10.00	23400.00	✓
-	-	250.00	411.00	102750.00	250.00	102750.00	✓
-	-	1.00	45090.00	45090.00	1.00	45090.00	✓
-	-	560.00	114.00	63840.00	560.00	63840.00	✓
-	-	1.00	1364.00	1364.00	1.00	1364.00	✓
-	-	1.00	201.00	201.00	1.00	201.00	✓
-	-	2.00	100.00	200.00	2.00	200.00	✓
-	-	2.00	93.00	186.00	2.00	186.00	✓
-	-	2.00	98.00	196.00	2.00	196.00	
-	-	20000.00	0.33	6600.00	20000.00	6600.00	
-	-	1.00	304.00	304.00	1.00	304.00	

Sl. No.		
22	Supplying if TPST with rewieable porcelai channel in SM encloser made out of 14 SWD powder coated pair of approved colour 32 Amps	Nos.
23	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.	No.
24	Supplying and fixing LED type panel board indicating lamp with required colur suitable for 220 V AC 50 Hz	
25	Supplying fully automatic star-Delta starter unit push button type with suitable wires 2 contactores one adjustble thermal timer mounted on a common base palte held in steel encloser for use on 400/440 volts 3 phase and wired after fixing the the wooden board for motor upto 12.5 HP	Nos.
26	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motor up to 20 HP capacities.	Each
27	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 4 Sqmm	
28	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor improvement of rotating machinery.	Nos.
29	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.	Nos.
30	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	Nos.
31	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.	Mtr
32	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.	Mtr
33	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, P-68 /I.No.11a) with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.	Mtr
34	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Civil with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.	Mtr
35	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.	No.
36	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work.	No.
37	Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications	Cum
38	Supplying PVC ring tight piple conforming to IS with latest amendments and conveying to workspot rolling and lowering into trenches laying true line and level and perfect linking at joints testine and commissioning including loading and inloading at both desitnation and cuts of pipes wherever necessary including jointing of PVC pipes and specifcal with jointins of approval type etc complete	Mts
39	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50mm, and lift upto 1.5m, including cost of all labour complete as per specifications	Cum
40	Providing and fixing 65mm dia gun metal wheel vave conforming to IS specification of approved make as per directions including all lead and lift etc., complete	Each

evious Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	1.00	1681.00	1681.00	1.00	1681.00	
-	-	1.00	271.00	271.00	1.00	271.00	
-	-	1.00	397.00	397.00	1.00	397.00	
-	-	1.00	5924.00	5924.00	1.00	5924.00	
-	-	1.00	691.00	691.00	1.00	691.00	
-	-	20.00	37.00	740.00	20.00	740.00	
-	-	4.00	372.00	1488.00	4.00	1488.00	
-	-	1.00	173.00	173.00	1.00	173.00	
-	-	1.00	2454.00	2454.00	1.00	2454.00	
-	-	5.00	310.00	1550.00	5.00	1550.00	
-	-	25.00	126.00	3150.00	25.00	3150.00	
-	-	25.00	9.00	225.00	25.00	225.00	
-	-	30.00	95.00	2850.00	30.00	2850.00	
-	-	1.00	252.00	252.00	1.00	252.00	
-	-	6.00	210.00	1260.00	6.00	1260.00	
-	-	519.75	269.00	139813.00	519.75	139813.00	
-	-	1550.00	69.00	106950.00	1550.00	106950.00	
-	-	418.50	72.00	30132.00	418.50	30132.00	
-	-	1.00	1287.00	1287.00	1.00	1287.00	

Sl. No.		
41	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications,	Cur
42	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing, this including jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete(internal work exposed on wall 20mm nominal OP pipe	Mtr
43	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications	Nos
44	Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading	
	BESCOM Deposit	
	Total	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

evious Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	16.88	5287.00	89245.00	16.88	89245.00	
-	-	375.00	128.00	48000.00	375.00	48000.00	
-	-	75.00	220.00	16500.00	75.00	16500.00	
-	-	38.00	101.00	3838.00	38.00	3838.00	
				10988.00		10988.00	
				892054.00		**892054.00**	

Rounded off 892,000.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore